

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 84-44

AN ORDER REQUIRING U.S. NAVY, NAVAL SUPPORT ACTIVITY,
TREASURE ISLAND, IN THE CITY AND COUNTY OF SAN FRANCISCO,
TO CEASE AND DESIST FROM DISCHARGING WASTES
IN VIOLATION OF THE REQUIREMENTS OF ORDER NO. 80-23
(NPDES NO. CA0110116) PRESCRIBED BY THE
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

The California Regional Water Quality Control Board, San Francisco Bay Region,
(hereinafter Board) finds that:

1. On May 20, 1980, the Board adopted Order No. 80-23 (NPDES No. CA0110116) prescribing waste discharge requirements for U.S. Navy, Naval Support Activity, Treasure Island (hereinafter discharger) for waste treatment of domestic and industrial wastes at its wastewater treatment plant and disposal to San Francisco Bay via a deepwater submarine outfall.
2. The requirements of Order No. 80-23 provide in part, as follows:

"...

A. Effluent Limitations

1. The discharge of an effluent in excess of the following limits is prohibited:

<u>Constituents</u>	<u>Units</u>	<u>30-day Average</u>	<u>7-day Average</u>	<u>Daily Maximum</u>	<u>Instan- taneous Maximum</u>
a. Settleable Matter	ml/l-hr	0.1	-	-	0.2
b. BOD	mg/l	30	45	-	-
c. Suspended Solids	mg/l	30	45	-	-

...

2. The arithmetic mean of the value for BOD and Suspended Solids effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of respective values for influent samples collected at approximately the same times during the same period (85 percent removal).

...

5. In any representative set of samples, the wastes as discharged shall meet the following limit on toxicity:

The survival of test fishes in 96-hour bioassays of the effluent shall be a 90 percentile value of not less than 50 percent survival...

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6. The total coliform bacteria for a median of five (5) consecutive effluent samples shall not exceed 240 coliform organisms per 100 milliliters. Any single sample shall not exceed 10,000 MPN/100 ml when verified by a repeat sample taken within 48 hours.

...

C. Provisions

1. There shall be no bypass or overflow of untreated wastewater to waters of the State either at the treatment plant or from the collection system.
2. The discharger shall comply with all requirements of this Order immediately and with all items of the Self-Monitoring Program when ordered by the Executive Officer.
3. The discharger shall review and update annually its contingency plan as required by Regional Board Resolution No. 74-10. The discharge of pollutants in violation of this Order where the discharger has failed to develop and/or implement a contingency plan will be basis for considering such discharge a willful and negligent violation of this Order pursuant to Section 13387 of the California Water Code. The discharger should submit its initial contingency plan by October 30, 1980.
4. The discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements" dated April 1977 except A.16.

...."

3. The Executive Officer ordered Self-Monitoring Program requirements include:

Part A:

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F.2. Bypass Reports

Bypass reporting shall be an integral part of regular monitoring program reporting, and a report on bypassing of untreated waste or bypassing of any treatment

unit(s) shall be made....

...

The discharger shall file a written technical report at least 15 days prior to advertising for bid on any construction project which would cause or aggravate the discharge of waste in violation of requirements;...

...

In the event the discharger is unable to comply with the conditions of the waste discharge requirements due to:

- (a) maintenance work, power failures, or breakdown of waste treatment equipment, or
- (b) accidents caused by human error or negligence, or
- (c) other causes such as acts of nature,

the discharger shall notify the Regional Board Office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification.

...

In addition, if the noncompliance caused by items (a), (b), or (c) above is with respect to any of the effluent limits, the waste discharger shall promptly accelerate his monitoring program to analyze the discharge at least once every day for those constituents which have been violated.....

...

F.3. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar month (unless specified otherwise) by the fifteenth day of the following month. ...

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F.4. Annual Reporting

By January 30 of each year, the discharger shall submit an annual report to the Regional Board covering the previous calendar year.....

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Part B:

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III.B.2.: ...

Self-Monitoring Reports shall be submitted for each calendar quarter not later than the 15th of the month following.

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4. The "Standard Provisions and Reporting Requirements" cited in Finding 2. above include the following Provision A.6.:

"Standard Provisions:

The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements."

5. On Wednesday, July 18, 1984, in the Assembly Room, State Building, 1111 Jackson Street, Oakland, after due notice to the discharger and all other affected persons the Board conducted a public hearing at which the discharger and other interested persons appeared and evidence was received and considered concerning the violations of discharge requirements and actions taken and proposed by the discharger and other affected persons to assure compliance with the adopted requirements.
6. Self-monitoring reports, staff investigations and reports, and written and oral testimony from the discharger and public document that the discharger has violated and continues to threaten to violate the requirements cited above in Findings 2, 3, and 4. during the period October 1983 through July 1984. These violations are the direct result of inadequate and delinquent reporting, bypassing of secondary treatment unit due to poor operations leading to the failure of the only trickling filter, and a lack of an adequate contingency plan and supplementary and/or redundant facilities. Additionally, bypasses occurred from the treatment system and collection system due to lack of back up power, control systems and pump station alarm systems.
7. The Board finds that this action is an order to enforce waste discharge requirements previously adopted by the Board. This action is therefore categorically exempt from the provisions of the California Environmental Quality Control Act (CEQA) pursuant to Section 15321 of the Resources Agency Guidelines.

IT IS HEREBY ORDERED THAT the U.S. Navy, Naval Support Facility, Treasure Island cease and desist from discharging wastes contrary to the requirements in Order No. 80-23 as follows:

1. Submit all required reports forthwith and as required by the Self-Monitoring and Reporting requirements as amended.
2. Cease bypassing of treatment units and comply with all waste discharge requirements forthwith.
3. Cease overflows from pump stations and/or collection systems forthwith. Complete installation of pump station alarm systems not later than December 13, 1984.
4. Install treatment plant back-up power not later than September 1, 1984.
5. Submit by December 18, 1984, a technical report satisfactory to the

Executive Officer documenting the wastewater treatment plant's ability to consistently and reliably meet all waste discharge requirements. The report should especially consider supplementary and/or redundant facilities (e.g. another trickling filter).

6. Submit by December 18, 1984, an updated Contingency Plan satisfactory to the Executive Officer in accordance with Board Resolution No. 74-10. Special attention in the Contingency Plan should be addressed to adequate personnel on-site, availability of spare parts inventory, alarms, prior planning to implement contingency plans and repair facilities, adequate reporting, clean-up measures, staff training.
7. Submit by December 18, 1984, an Operations and Maintenance Manual satisfactory to the Executive Officer for staff's use in operating and maintaining the treatment and collection facilities.
8. The discharger shall submit to the Board on or before each compliance report date, a report detailing his compliance or noncompliance with the specific schedule task and task.

If noncompliance is being reported, the reasons for such noncompliance shall be stated, plus an estimate of the date when the discharger will be in compliance. The discharger shall notify the Board by letter when he has returned to compliance with the time schedule.

9. If the Executive Officer finds that the discharger has failed to comply with the provisions of this Order, he is authorized, after approval of the Board Chairman, to request the Attorney General to take appropriate enforcement action against the discharger, including injunction and civil remedies, if appropriate.
10. If the Executive Officer determines that the provisions of this Order are violated and does not refer the matter to the Attorney General, he is instructed to report to the Board the reason that the discharger has been unable to comply with the provisions of this Order.

I, Roger B. James, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on July 18, 1984.

ROGER B. JAMES
Executive Officer